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1765  
PATENT

ATTORNEY DOCKET NO.: 053785-5043

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )

Gyoo-Chul JO *et al.* )

Application No.: 10/015,650 )

Filed: 17 December 2001 )

For: ETCHANT AND ARRAY SUBSTRATE HAVING )  
COPPER LINES ETCHED BY THE ETCHANT )

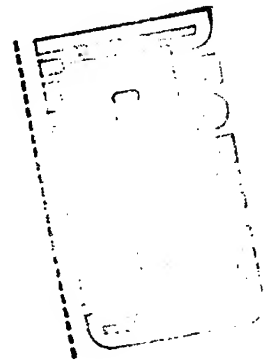
Group Art Unit: 1765

Examiner: Unassigned

Commissioner for Patents  
Washington, D.C. 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**



Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the document listed on the attached PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due for filing this paper.

A copy of the listed document is attached. Applicants respectfully request that the Examiner consider the listed document and evidence that consideration by making appropriate notations on the attached form.

The following is a concise statement of relevance of the non-English language document which was cited in an communication from a foreign patent office of a corresponding application:

1. Korean Publication Number KR1998-0012067. The relevance of this document can be understood from the attached English-language Abstract.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed document is material or constitutes "Prior Art". If it should be determined that the listed document does not constitute "Prior Art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should the document be applied against the claims of the present application.

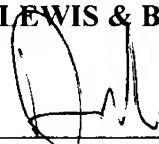
**Except** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required,

including any required extension of time fees, or credit any overpayment to Deposit

Account 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR  
EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

By:   
David B. Hardy  
Reg. No. 47,362

Dated: October 2, 2002

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